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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

|              |   |        |   |
|--------------|---|--------|---|
| NEWS         | 1   |        | Web Page for STN Seminar Schedule - N. America  |
| NEWS         | 2   | JAN 02 | STN pricing information for 2008 now available  |
| NEWS         | 3   | JAN 16 | CAS patent coverage enhanced to include exemplified prophetic substances              |
| NEWS         | 4   | JAN 28 | USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats          |
| NEWS         | 5   | JAN 28 | MARPAT searching enhanced   |
| NEWS         | 6   | JAN 28 | USGENE now provides USPTO sequence data within 3 days of publication                  |
| NEWS         | 7   | JAN 28 | TOXCENTER enhanced with reloaded MEDLINE segment                                      |
| NEWS         | 8   | JAN 28 | MEDLINE and LMEEDLINE reloaded with enhancements                                      |
| NEWS         | 9   | FEB 08 | STN Express, Version 8.3, now available   |
| NEWS         | 10  | FEB 20 | PCI now available as a replacement to DPCI  |
| NEWS         | 11  | FEB 25 | IFIREF reloaded with enhancements   |
| NEWS         | 12  | FEB 25 | IMSPRODUCT reloaded with enhancements   |
| NEWS         | 13  | FEB 29 | WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification |
| NEWS         | 14  | MAR 31 | IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats               |
| NEWS         | 15  | MAR 31 | CAS REGISTRY enhanced with additional experimental spectra                            |
| NEWS         | 16  | MAR 31 | CA/CAPLUS and CASREACT patent number format for U.S. applications updated             |
| NEWS         | 17  | MAR 31 | LPCI now available as a replacement to LDPCI  |
| NEWS         | 18  | MAR 31 | EMBASE, EMBAL, and LEMBASE reloaded with enhancements                                 |
| NEWS         | 19  | APR 04 | STN AnaVist, Version 1, to be discontinued  |
| NEWS         | 20  | APR 15 | WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats             |
| NEWS         | 21  | APR 28 | EMBASE Controlled Term thesaurus enhanced   |
| NEWS         | 22  | APR 28 | IMSRSEARCH reloaded with enhancements   |
| NEWS         | 23  | MAY 30 | INPAFAMDB now available on STN for patent family searching                            |
| NEWS         | 24  | MAY 30 | DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option           |
|              |   |        |   |
| NEWS EXPRESS | FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,<br>AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008 |        |   |
|              |   |        |   |
| NEWS HOURS   | STN Operating Hours Plus Help Desk Availability   |        |   |
| NEWS LOGIN   | Welcome Banner and News Items   |        |   |
| NEWS IPC8    | For general information regarding STN implementation of IPC 8                                       |        |   |

Enter NEWS followed by the item number or name to see news on that

A. A. Lewis

specific topic.

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\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 16:13:30 ON 04 JUN 2008

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:14:00 ON 04 JUN 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 JUN 2008 HIGHEST RN 1025148-33-7

DICTIONARY FILE UPDATES: 3 JUN 2008 HIGHEST RN 1025148-33-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

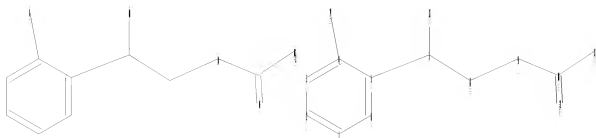
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10797795 c1m17.str



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chain nodes :
7  8  9  10 11 12 13 14
ring nodes :
1  2  3  4  5  6
chain bonds :
4-14  5-7  7-8  7-13  8-9  9-10  10-11  10-12
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
7-13  8-9  9-10  10-11  10-12
exact bonds :
4-14  5-7  7-8
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS

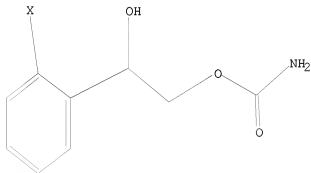
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L1        STRUCTURE UPLOADED

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=> dis
L1 HAS NO ANSWERS
L1        STR

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Structure attributes must be viewed using STN Express query preparation.

=> s L1 full

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FULL SEARCH INITIATED 16:14:23 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1819 TO ITERATE

100.0% PROCESSED 1819 ITERATIONS 7 ANSWERS  
SEARCH TIME: 00.00.01

L2 7 SEA SSS FUL L1

=> file hcap  
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ENTRY SESSION  
FULL ESTIMATED COST 178.36 178.57

FILE 'HCAPLUS' ENTERED AT 16:14:38 ON 04 JUN 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 4 Jun 2008 VOL 148 ISS 23  
FILE LAST UPDATED: 3 Jun 2008 (20080603/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L2  
L3 41 L2

=> s L3 and (ischemia or neurodegener)  
) IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> s L3 and (ischemi? or neurodegenerat?)  
97721 ISCHEMI?  
209 ISCHEM  
209 ISCHEM  
(ISCHEM)  
97750 ISCHEMI?  
(ISCHEMI? OR ISCHEM)  
28301 NEURODEGENERAT?  
L4 5 L3 AND (ISCHEMI? OR NEURODEGENERAT?)

=> d L4 1-5 ibib abs hitstr

L4 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

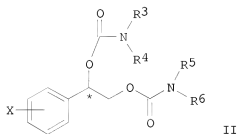
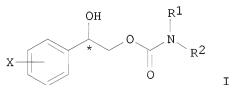
A. A. Lewis

ACCESSION NUMBER: 2008:528301 HCAPLUS  
 DOCUMENT NUMBER: 148:487225  
 TITLE: Carbamate compounds for treatment of cochlear and vestibular disorders  
 INVENTOR(S): Haas, Magali  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 31pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.     | KIND | DATE     | APPLICATION NO. | DATE     |
|----------------|------|----------|-----------------|----------|
| US 20080103198 | A1   | 20080501 | US 2007-870511  | 20071011 |
| WO 2008060787  | A2   | 20080522 | WO 2007-US81031 | 20071011 |

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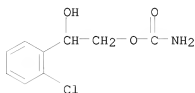
PRIORITY APPLN. INFO.: US 2006-863144P P 20061027  
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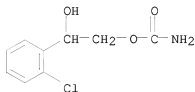
AB This invention is directed to methods for providing otoprotection comprising administering to a subject in need thereof a therapeutically effective amount of a compound selected from the group consisting of Formula (I) and Formula (II) or a pharmaceutically acceptable salt or ester

thereof where X = F, Cl, Br, or I; R1-R6 = H or C1-C4 alkyl  
(un)substituted with Ph, etc.

IT 194085-73-9 194085-73-9D, enantiomers, salts, and esters  
194085-75-1 194085-75-1D, salts and esters  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)  
(carbamate compds. for treatment of cochlear and vestibular disorders)  
RN 194085-73-9 HCAPLUS  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate (CA INDEX NAME)

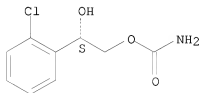


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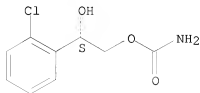
RN 194085-75-1 HCAPLUS  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



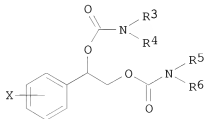
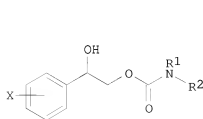
RN 194085-75-1 HCAPLUS  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2007:61845 HCAPLUS  
 DOCUMENT NUMBER: 146:135588  
 TITLE: Neuroprotective carbamate derivatives for treatment of neurodegenerative disorders  
 INVENTOR(S): Zhao, Boyu; Tywman, Roy E.  
 PATENT ASSIGNEE(S): Janssen Pharmaceutica, N.V., Belg.  
 SOURCE: PCT Int. Appl., 83pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2007008562   | A2   | 20070118 | WO 2006-US26291 | 20060707 |
| WO 2007008562   | A3   | 20070816 |                 |          |
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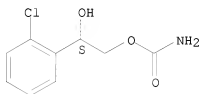
AB This invention is directed to methods for providing neuroprotection comprising administering to a subject in need thereof a therapeutically effective amount of a compound selected from Formula (I) and Formula (II), where Ph is substituted at X with 1-5 halo atoms selected from F, C, B or I and R1-R6 = (un)substituted C1-C4 alkyl or pharmaceutical acceptable salts or esters thereof. Carbamate derivative decreased infarct volume following reperfusion in a rat model of transient cerebral ischemia arising from middle cerebral artery occlusion.

IT 194085-75-1  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (neuroprotective carbamate derivs. for treatment of neurodegenerative disorders)

RN 194085-75-1 HCAPLUS

CN 1,2-Ethanedithiol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:383992 HCAPLUS

DOCUMENT NUMBER: 144:404414

TITLE: Carbamate compounds for use in treating neurodegenerative disorders

INVENTOR(S): Twyman, Roy E.; Zhao, Boyu

PATENT ASSIGNEE(S): Janssen Pharmaceutica, N.V., Belg.

SOURCE: PCI Int. Appl., 91 pp.  
 CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

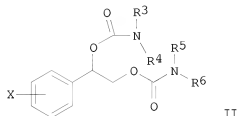
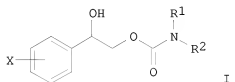
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

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| AU 2005295787   | A1   | 20060427 | AU 2005-295787  | 20051014 |
| CA 2584854  | A1   | 20060427 | CA 2005-2584854 | 20051014 |



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| EP 1802294   | A1 | 20070704 | EP 2005-810159   | 20051014   |
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| BA, HR, MK, YU   |    |          |                  |            |
| CN 101076327   | A  | 20071121 | CN 2005-80042469 | 20051014   |
| JP 2008516961  | T  | 20080522 | JP 2007-536843   | 20051014   |
| SG 142306  | A1 | 20080528 | SG 2008-2877     | 20051014   |
| MX 200704491   | A  | 20070808 | MX 2007-4491     | 20070413   |
| NO 2007002444  | A  | 20070614 | NO 2007-2444     | 20070511   |
| KR 2007085309  | A  | 20070827 | KR 2007-710744   | 20070511   |
| IN 2007KN01/01   | A  | 20070727 | IN 2007-KN1701   | 20070514   |
| PRIORITY APPLN. INFO.:   |    |          | US 2004-619402P  | P 20041015 |
|  |    |          | US 2005-698403P  | P 20050712 |
|  |    |          | WO 2005-US36695  | W 20051014 |
| OTHER SOURCE(S): MARPAT 144:404414                                 |    |          |                  |            |
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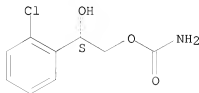
AB The invention discloses methods for providing neuroprotection, comprising administering to a subject in need thereof a therapeutically effective amount of a compound I or II [Ph is substituted at X with 1-5 halo atoms selected from F, Cl, Br, I; R1-R6 = H, (un)substituted C1-C4 alkyl], or a pharmaceutically acceptable salt or ester thereof.

IT 194085-75-1  
 RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (carbamate compds. for neuroprotectants)

RN 194085-75-1 HCAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2006:333530 HCAPLUS  
 DOCUMENT NUMBER: 144:324867  
 TITLE: Methods of treating epileptogenesis and epilepsy  
 INVENTOR(S): Choi, Yong Moon; Gordon, Robert; Novak, Gerald P.; Plata-Salaman, Carlos R.; Twyman, Roy E.; White, H. Steve; Zhao, Boyu  
 PATENT ASSIGNEE(S): Janssen Pharmaceutica, N.V., Belg.  
 SOURCE: PCT Int. Appl., 111 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

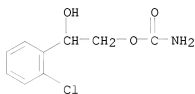
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| WO 2006033947          | A2   | 20060330 | WO 2005-US32861  | 20050915   |
| WO 2006033947          | A3   | 20060629 |                  |            |
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| AU 2005287174          | A1   | 20060330 | AU 2005-287174   | 20050915   |
| CA 2580640             | A1   | 20060330 | CA 2005-2580640  | 20050915   |
| US 20060194873         | A1   | 20060831 | US 2005-227247   | 20050915   |
| EP 1809273             | A2   | 20070725 | EP 2005-810288   | 20050915   |
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| CN 101056629           | A  | 20071017 | CN 2005-80038741 | 20050915   |
| JP 2008513466          | T  | 20080501 | JP 2007-532446   | 20050915   |
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| KR 2007057939          | A  | 20070607 | KR 2007-708402   | 20070413   |
| NO 2007001921          | A  | 20070612 | NO 2007-1921     | 20070416   |
| PRIORITY APPLN. INFO.: |  |          | US 2004-610276P  | P 20040916 |
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|                        |  |          | US 2005-707242P  | P 20050811 |
|                        |  |          | WO 2005-US32861  | W 20050915 |

OTHER SOURCE(S): MARPAT 144:324867

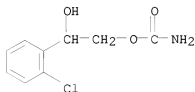
AB This invention is directed to methods for preventing, treating, reversing, inhibiting or arresting epilepsy and epileptogenesis in a subject comprising administering to the subject in need thereof a therapeutically effective amount of a compound selected from the group consisting of Formula (I) and Formula (II), or a pharmaceutically acceptable salt or ester thereof, : Formula (I) Formula (II) wherein Ph is substituted at X with one to five halogen atoms selected from the group consisting of fluorine,

chlorine, bromine and iodine; and, R1, R2, R3, R4, R5 and R6 are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with Ph (wherein Ph is optionally substituted with substituents independently selected from the group consisting of halogen, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano).

IT 194085-73-9 194085-73-9D, ester derivs.  
 194085-75-1 194085-75-1D, ester derivs.  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (treating epileptogenesis and epilepsy)  
 RN 194085-73-9 HCAPLUS  
 CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate (CA INDEX NAME)

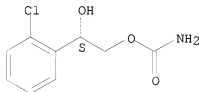


RN 194085-73-9 HCAPLUS  
 CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate (CA INDEX NAME)



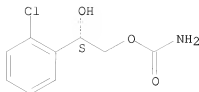
RN 194085-75-1 HCAPLUS  
 CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-75-1 HCAPLUS  
 CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:675829 HCAPLUS

DOCUMENT NUMBER: 137:179913

TITLE: Phenyl carbamate compounds for use in preventing or treating neurodegenerative disorders

INVENTOR(S): Plata-Salaman, Carlos R.; Zhao, Boyu; Twyman, Roy E.

PATENT ASSIGNEE(S): Ortho-McNeil Pharmaceutical, Inc., USA

SOURCE: PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2002067925   | A1   | 20020906 | WO 2002-US5541  | 20020221 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| CA 2439295  | A1   | 20020906 | CA 2002-2439295 | 20020221 |
| AU 2002247203   | A1   | 20020912 | AU 2002-247203  | 20020221 |
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| EP 1383489  | A1   | 20040128 | EP 2002-714977  | 20020221 |
| EP 1383489  | B1   | 20070509 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR   |      |          |                 |          |
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| AT 361745   | T    | 20070615 | AT 2002-714977  | 20020221 |
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| NO 2003003798   | A    | 20030926 | NO 2003-3798    | 20030826 |
| MX 2003PA07718  | A    | 20041112 | MX 2003-PA7718  | 20030827 |
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| ZA 2003007473   | A    | 20050103 | ZA 2003-7473    | 20030925 |
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PRIORITY APPLN. INFO.:

US 2001-271682P

P 20010227

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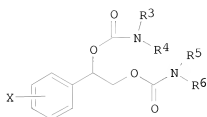
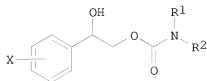
WO 2002-US5541

W 20020221

OTHER SOURCE(S):

MARPAT 137:179913

GI



AB This invention is directed to a method for preventing or treating neurodegenerative disorders comprising administering to a subject in need thereof a therapeutically effective amount of a compound selected from the group consisting of formula I and formula II, wherein X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R1-R6 are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with Ph (wherein Ph is optionally substituted with substituents independently selected from the group consisting of halogen, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano). The neurodegenerative disorders are selected from the group consisting of acute neurodegenerative disorders, chronic neurodegenerative disorders, other acute or chronic neurodegenerative disorders associated with memory loss and other acute or chronic neurodegenerative disorders associated with neuronal injury. The chronic neurodegenerative disorders are selected from Alzheimer's disease, chronic epileptic conditions associated with neurodegeneration, multiple sclerosis or Parkinson's disease. Thus, title I and II (X = ortho-Cl, R1-R6 = H) were tested in rats for treatment of neurodegenerative disorders. The therapeutically effective amount is from about 0.01 mg/Kg/dose to about 100 mg/Kg/dose.

IT 194085-75-1

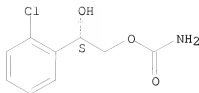
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(Ph carbamate compds. for use in preventing or treating neurodegenerative disorders)

RN 194085-75-1 HCAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

A. A. Lewis



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'REGISTRY' ENTERED AT 16:14:00 ON 04 JUN 2008

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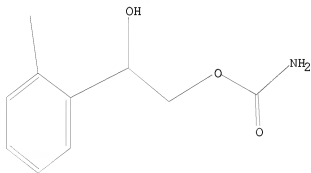
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L1 STR



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